

METHOD FOR INSPECTING CHANNEL PIPES

Abstract

5 The invention relates to a method for inspecting channel
pipes, wherein hemispherical or fully spherical digital images
captured at various locations in the pipe by means of a camera
provided with a fisheye lens are calculated and perspective
10 images enabling a virtual swiveling are produced. The
intermediate images arising for any specific neighboring
location of the desired fictive camera position are calculated
and represented on the basis of image data captured in a
location wherein the geometry of the imaged pipe is known, by
15 computationally projecting the captured images onto the known
pipe geometry and calculating the perspective image data
therefrom for the neighboring location.